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50	-1.10	=====	I
51	-0.80	=====	t
52	-0.18	==	V
53	-0.23	==	S
54	-0.37	=====	T
55	-0.25	=====	N
56	-0.28	=====	G
57	0.22		S ==
58	-0.25	=====	I
59	0.05		H
60	0.05		S
61	-0.07	=	P
62	-0.05		R
63	-0.55	=====	F
64	0.37		P =====
65	0.40		H =====
66	0.42		T =====
67	0.23		Y ==
68	-0.08	=	P
69	-0.33	=====	R
70	-1.40	=====	N
71	-0.93	=====	T
72	-1.17	=====	V
73	-1.17	=====	L
74	-0.95	=====	V
75	-0.95	=====	W
76	0.12		R =
77	0.12		L =
78	0.45		V =====
79	0.45		A =====
80	-0.03		V
81	-0.08	=	E
82	-0.55	=====	E
83	-1.35	=====	N
84	-1.45	=====	V
85	-1.62	=====	W
86	-0.55	=====	I
87	0.25		Q ===
88	0.72		L =====
89	0.60		T =====
90	0.67		F =====
91	0.78		D =====
92	0.78		E =====
93	0.78		R =====
94	0.28		F ===
95	1.20		G =====
96	1.70		L =====
97	2.50		E =====
98	1.70		D =====
99	1.03		P =====
100	1.53		E =====
101	0.65		D =====
102	0.65		D =====
103	-0.27	=====	I
104	-0.22	==	C
105	0.45		K =====

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106	-0.30	===	Y
107	0.58		D =====
108	0.58		F =====
109	1.00		V =====
110	1.30		E =====
111	1.30		V =====
112	1.55		E =====
113	0.98		E =====
114	0.18		P ==
115	-0.12	=	S
116	-0.17	==	D
117	-0.17	==	G
118	-0.73	=====	T
119	-0.83	=====	I
120	-0.53	=====	L
121	-0.80	=====	G
122	-0.80	=====	R
123	-1.37	=====	W
124	-1.05	=====	C
125	-0.88	=====	G
126	-0.88	=====	S
127	0.18		G ==
128	0.22		T ==
129	-0.02		V
130	0.28		P ===
131	0.78		G =====
132	0.78		K =====
133	0.32		Q ===
134	0.32		I ===
135	0.32		S ===
136	0.77		K =====
137	-0.03		G
138	0.47		N =====
139	0.02		Q
140	-0.27	===	I
141	0.08		R =
142	0.08		I =
143	0.88		R =====
144	0.00		F
145	0.00		V
146	0.25		S ===
147	0.25		D ===
148	0.25		E ===
149	-0.25	===	Y
150	0.13		F =
151	0.13		P =
152	-0.03		S
153	-0.38	=====	E
154	-0.97	=====	P
155	-1.35	=====	G
156	-1.32	=====	F
157	-1.20	=====	C
158	-1.28	=====	I
159	-1.20	=====	H
160	-1.12	=====	Y
161	-0.70	=====	N

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162	-1.15	=====	I
163	-0.92	=====	V
164	-0.17	==	M
165	-0.03		P
166	-0.28	===	Q
167	-0.27	===	F
168	0.15		T =
169	0.27		E ===
170	-0.48	=====	A
171	-0.70	=====	V
172	-0.45	=====	S
173	-0.50	=====	P
174	-0.45	=====	S
175	-0.58	=====	V
176	-0.63	=====	L
177	-0.33	===	P
178	-0.63	=====	P
179	-0.13	=	S
180	-0.48	=====	A
181	-0.70	=====	L
182	-0.37	=====	P
183	-0.33	=====	L
184	-0.12	=	D
185	-0.92	=====	L
186	-1.18	=====	L
187	-0.97	=====	N
188	-1.42	=====	N
189	-2.02	=====	A
190	-2.00	=====	I
191	-2.00	=====	t
192	-0.93	=====	A
193	-0.35	=====	F
194	-0.23	==	S
195	0.03		T
196	0.60		L =====
197	0.52		E =====
198	-0.28	===	D
199	-0.28	===	L
200	0.02		I
201	0.82		R =====
202	0.82		Y =====
203	1.03		L =====
204	1.37		E =====
205	0.57		P =====
206	1.07		E =====
207	0.27		R ===
208	0.27		W ===
209	0.93		Q =====
210	0.60		L =====
211	0.52		D =====
212	0.52		L =====
213	0.82		E =====
214	0.25		D ===
215	-0.42	=====	L
216	-0.08	=	Y
217	0.00		R

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218 -0.80
 219 -0.80
 220 -0.23
 221 -0.15
 222 -0.60
 223 -0.55
 224 -0.67
 225 -0.67
 226 -0.67
 227 -0.08
 228 0.38
 229 1.13
 230 1.30
 231 1.05
 232 1.05
 233 0.25
 234 0.23
 235 -0.57
 236 -0.62
 237 -0.43
 238 -0.43
 239 0.37
 240 0.08
 241 0.88
 242 0.88
 243 0.57
 244 0.12
 245 -0.55
 246 -0.37
 247 -0.87
 248 -0.07
 249 0.35
 250 -0.12
 251 0.10
 252 -0.08
 253 -0.03
 254 -0.83
 255 -0.37
 256 0.55
 257 1.00
 258 0.95
 259 1.40
 260 2.20
 261 1.63
 262 1.63
 263 1.07
 264 1.07
 265 0.15
 266 -0.92
 267 -0.85
 268 -1.35
 269 -1.45
 270 -1.45
 271 -1.33
 272 -1.02
 273 -0.52

===== P
 ===== T
 == W
 = Q
 ===== L
 ===== L
 ===== G
 ===== K
 ===== A
 = F
 V =====
 F =====
 G =====
 R =====
 K =====
 S ===
 R ==
 ===== V
 ===== V
 ===== D
 ===== L
 N =====
 L =
 L =====
 T =====
 E =====
 E =
 ===== V
 ===== R
 ===== L
 = Y
 S =====
 = C
 T =
 = P
 R
 ===== N
 ===== F
 S =====
 V =====
 S =====
 I =====
 R =====
 E =====
 E =====
 L =====
 K =====
 R =
 ===== T
 ===== D
 ===== T
 ===== I
 ===== F
 ===== W
 ===== P
 ===== G

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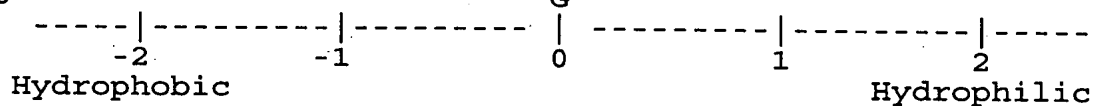
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275	-0.02		L
276	0.28		L ===
277	0.58		V =====
278	0.87		K =====
279	0.20		R ==
280	-0.38	=====	C
281	-0.38	=====	G
282	-0.55	=====	G
283	-0.85	=====	N
284	-0.97	=====	C
285	-0.77	=====	A
286	-0.85	=====	C
287	-0.65	=====	C
288	0.02		L
289	0.15		H ==
290	0.27		N ===
291	0.07		C =
292	-0.02		N
293	-0.05		E
294	-0.50	=====	C
295	0.17		Q ==
296	-0.12	=	C
297	-0.02		V
298	0.73		P =====
299	1.23		S =====
300	1.20		K =====
301	0.62		V =====
302	1.37		T =====
303	1.18		K =====
304	0.38		K =====
305	-0.08	=	Y
306	-0.40	=====	H
307	0.18		E ==
308	-0.32	===	V
309	0.43		L =====
310	0.67		Q =====
311	0.63		L =====
312	0.68		R =====
313	0.68		P =====
314	0.68		K =====
315	-0.12	=	T
316	-0.13	=	G
317	0.37		V =====
318	0.67		R =====
319	-0.13	=	G
320	-0.20	==	L
321	0.60		H =====
322	0.43		K =====
323	-0.15	=	S
324	-0.50	=====	L
325	0.30		T ==
326	0.28		D ==
327	0.10		V =
328	0.85		A =====
329	1.43		L =====

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330 1.57
 331 1.57
 332 1.48
 333 0.92
 334 0.25
 335 0.36
 336 0.64
 337 0.30
 338 0.51
 339 0.87
 340 1.15
 341 0.00
 342 0.00
 343 0.00
 344 0.00
 345 0.00

E =====
 H =====
 h =====
 E =====
 E ====
 C =====
 D =====
 C ====
 V =====
 C =====
 R =====
 G
 S
 T
 G
 G



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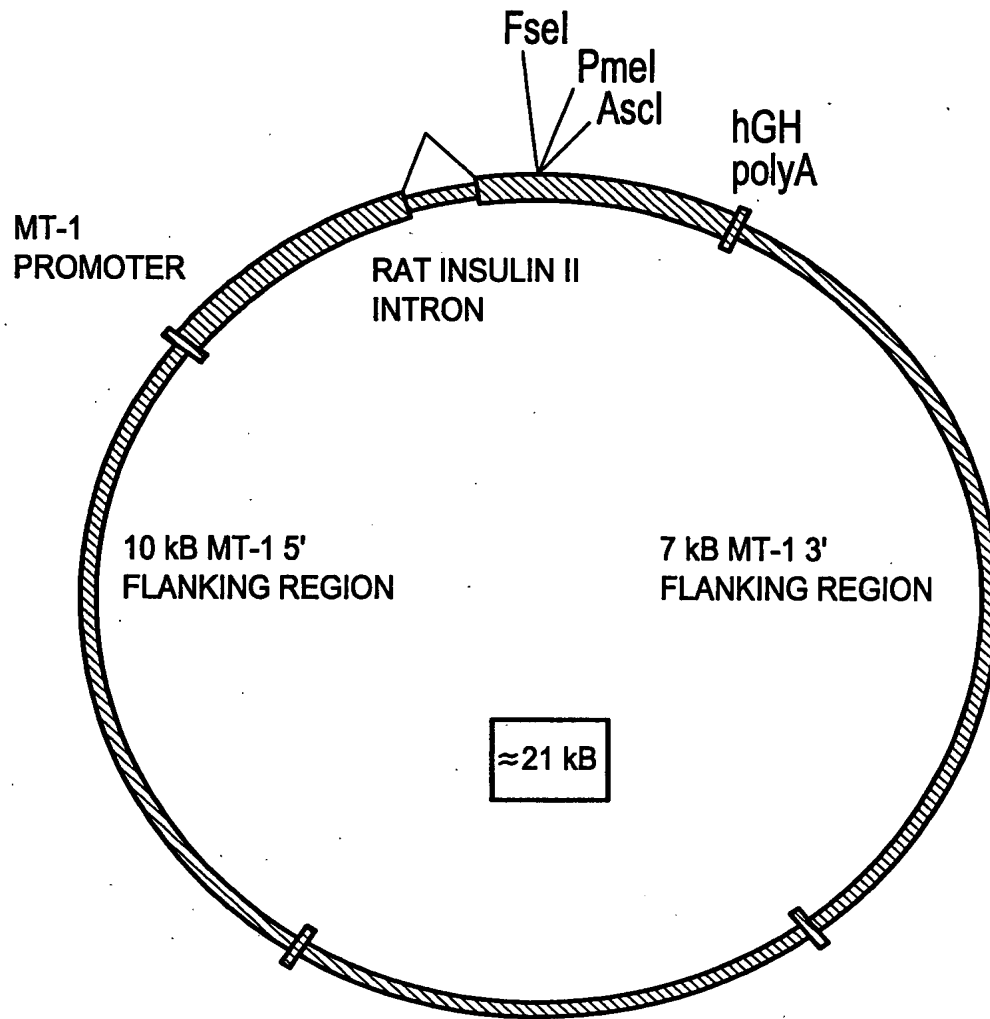


Fig. 2

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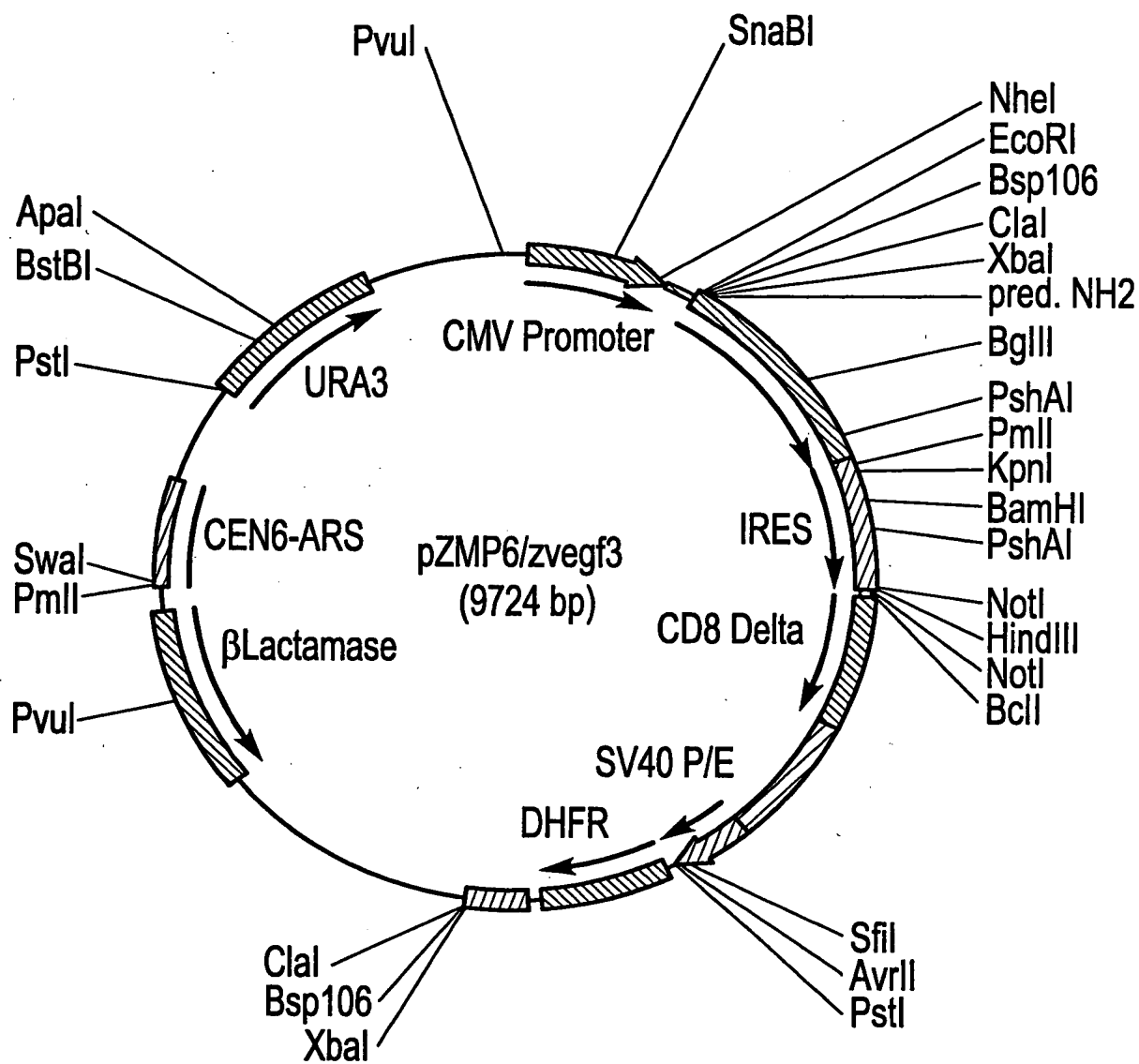
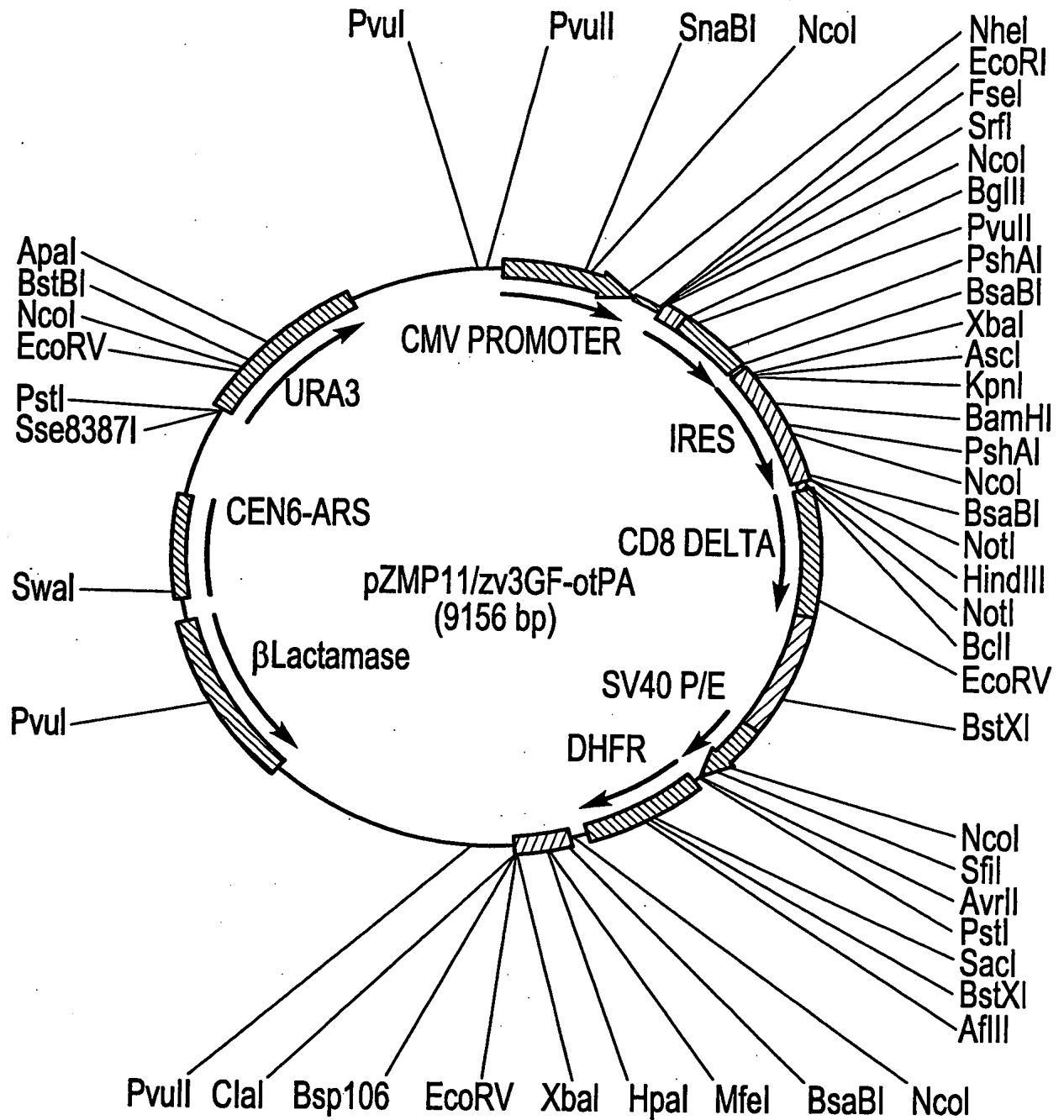
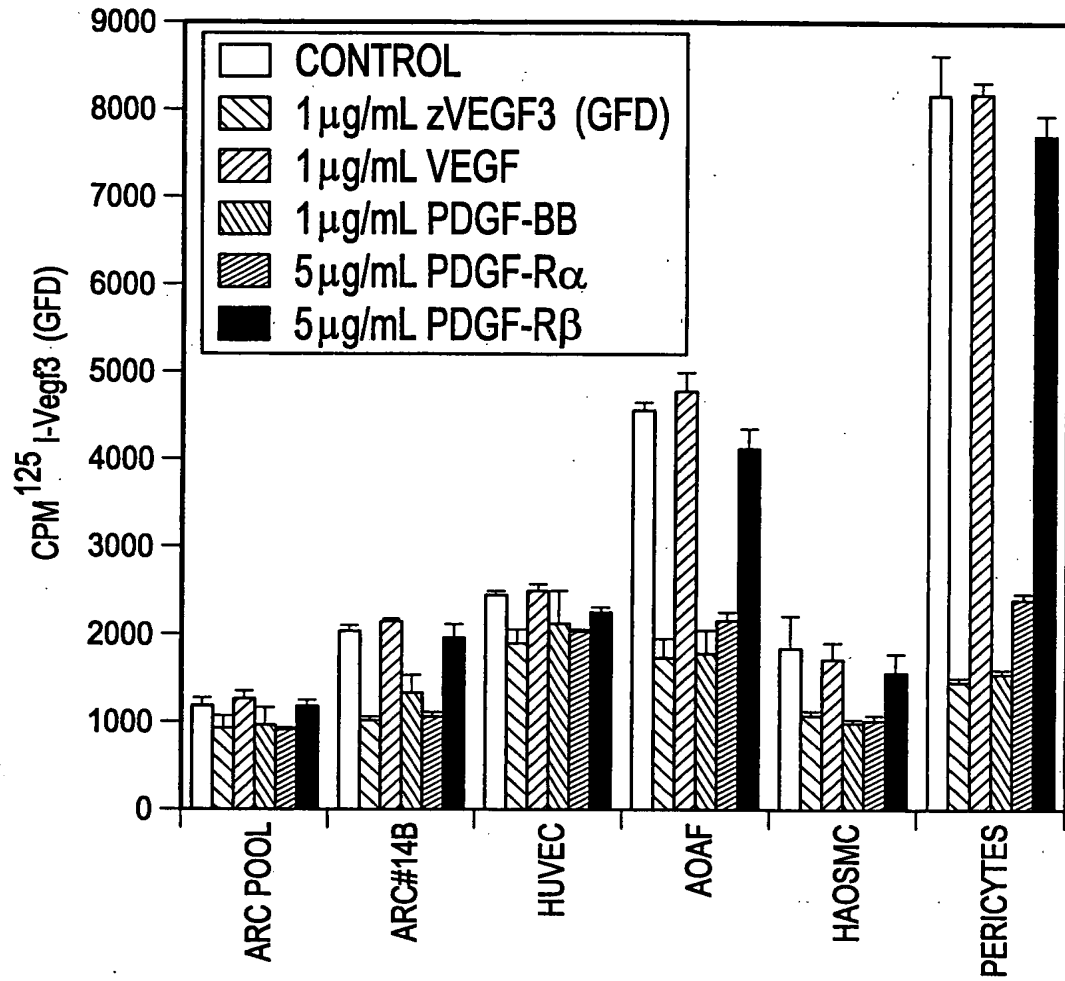


Fig. 3

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*Fig. 4*

*Fig. 5*

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MSLFGLLLLTALAGQRQGTQAESNLSSKFQFSSNKEQNGVQDPQHERIITVSTNGSIHS

MLLLGLLLLTALAGQRTGTRAESNLSSKLQSSDKEQNGVQDPRHERVVTISGNGSIHS
10 20 30 40 50 60

PRFPHTYPRNTVLVWRLVAVEENVWIQLTFDERFGLEDPEDDICKYDFVEVEEPSDGTIL

PKFPHTYPRNMVLVWRLVAVDENVRIQLTFDERFGLEDPEDDICKYDFVEVEEPSDGSVL
70 80 90 100 110 120

GRWCGSGTVPKGQISKGNQIRIRFVSDEYFPSEPGFCIHYNIVMPQFTEAVSPSVLPPSA

GRWCGSGTVPKGQTSKGNHIRIRFVSDEYFPSEPGFCIHYSIIMPQVTETTSPSVLPPSS
130 140 150 160 170 180

LPLDLLNNAITAFSTLEDLIRYLEPERWQLDLEDLYRPTWQLLGKAFVFGKSRVVDLNL

LSLDLLNNAVTAFTLEELIRYLEPDRWQVDLDSLYKPTWQLLGKAFLYGKSKVVNLNL
190 200 210 220 230 240

LTEEVRLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVPSK

LKEEVKLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVPRK
250 260 270 280 290 300

VTKKYHEVLQLRPKTGVRGLHKS LTDVALEHHEECDVCVCRGSTGG (SEQ ID NO:2)

VTKKYHEVLQLRPKTGVKGLHKS LTDVALEHHEECDVCVCRGNAGG (SEQ ID NO:43)
310 320 330 340

Fig. 6

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